

**Canyon Fuel Company, LLC**  
**Dugout Canyon Mine**  
 P. O. Box 1029  
 Wellington, Utah 84542  
 (435) 637-6360 Fax: (435) 637-0108

31 August 2001

Ms. Pamela Grubaugh-Littig  
 Utah Coal Program  
 Utah Division of Oil, Gas & Mining  
 1594 West North Temple, Suite 1210  
 P. O. Box 145801  
 Salt Lake City, Utah 84114-5801

Re: Response to Technical Analysis on Gilson Well to the Dugout Canyon Mine M&RP,  
 Carbon County, Utah, ACT/007/039.

Dear Ms. Grubaugh-Littig:

Enclosed with this letter are the C1 and C2 forms and five copies of a permit modification application to Dugout Canyon Mine's M&RP. Three copies of pages with the modified text denoted with "redline/strikeout" marks are included. This application consists of modifications to the M&RP as a result of the 14 January 2000, Division's Technical Analysis of CFC's submittal for the water supply well.

Also, attached to this letter is a list of deficiencies the Division's noted during the review of our submittal and CFC's response to the deficiencies. Enough copies have been attached to be included with each of the five copies. We realize the application was returned to us because of our request for no action. However, we believe the modification we have made to the application addresses all of the permitting requirements.

If you have any questions regarding this submittal, please call Gary Taylor at (435)448-2620.

Sincerely,

*Gary E. Taylor*  
 Gary E. Taylor  
 Sr. Environmental Engineer  
 Canyon Fuel Company, LLC

Enclosures

cc: Steve Demczak, Price Field Office

**RECEIVED**

SEP 6 2001

DIVISION OF  
 OIL, GAS AND MINING

Skyline Mines

*Called Gary Taylor  
 9/5/01  
 Needs to submit C1/C2  
 and told him this is a  
 New Amendment.*

SUFCO Mine

Soldier Canyon Mine/Dugout Mine

# APPLICATION FOR PERMIT PROCESSING

☒ Permit Change X  
 ☐ New Permit  
 ☐ Renewal  
 ☐ Transfer  
 ☐ Exploration  
 ☐ Bond Release

Permit Number: ACT/007/039

of Proposal: GILSON WATER WELL

Mine: DUGOUT CANYON MINE

Permittee: CANYON FUEL COMPANY

Description, include reason for application and timing required to implement:

GILSON WATER WELL IS REQUIRED TO MEET THE WATER NEEDS OF THE MINE

**Instructions:** If you answer yes to any of the first 8 questions (gray), submit the application to the Salt Lake Office. Otherwise, you may submit it to your reclamation

<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	1. Change in the size of the Permit Area? _____ acres Disturbed Area? _____ acres <input type="checkbox"/> increase <input type="checkbox"/> decrease.
<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	2. Is the application submitted as a result of a Division Order? DO # _____
<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	3. Does application include operations outside a previously identified Cumulative Hydrologic Impact Area?
<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	4. Does application include operations in hydrologic basins other than as currently approved?
<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	5. Does application result from cancellation, reduction or increase of insurance or reclamation bond?
<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	6. Does the application require or include public notice/publication?
<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	7. Does the application require or include ownership, control, right-of-entry, or compliance information?
<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	8. Is proposed activity within 100 feet of a public road or cemetery or 300 feet of an occupied dwelling?
<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	9. Is the application submitted as a result of a Violation? NOV # _____
<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	10. Is the application submitted as a result of other laws or regulations or policies? Explain: _____
<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	11. Does the application affect the surface landowner or change the post mining land use?
<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	12. Does the application require or include underground design or mine sequence and timing? (Modification of R2P2?)
<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	13. Does the application require or include collection and reporting of any baseline information?
<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	14. Could the application have any effect on wildlife or vegetation outside the current disturbed area?
<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	15. Does application require or include soil removal, storage or placement?
<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	16. Does the application require or include vegetation monitoring, removal or revegetation activities?
<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	17. Does the application require or include construction, modification, or removal of surface facilities?
<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	18. Does the application require or include water monitoring, sediment or drainage control measures?
<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	19. Does the application require or include certified designs, maps, or calculations?
<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	20. Does the application require or include subsidence control or monitoring?
<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	21. Have reclamation costs for bonding been provided for?
<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	22. Does application involve a perennial stream, a stream buffer zone or discharges to a stream?
<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	23. Does the application affect permits issued by other agencies or permits issued to other entities?

☐ Attach 5 complete copies of the application.

I hereby certify that I am a responsible official of the applicant and that the information contained in this application is true and correct to the best of my information and belief in all respects with the laws of Utah in reference to commitments, undertakings, and obligations, herein.

Signed - Name - Position - Date

Subscribed and sworn to before me this 21 day of August, 2001

My Commission Expires: \_\_\_\_\_  
Attest: \_\_\_\_\_

Notary Public



**DIONNE M. OMAN**  
 NOTARY PUBLIC • STATE OF UTAH  
 891 NORTH 300 EAST  
 PRICE, UTAH 84501  
 COMM. EXP. 12-15-2002

Received by Oil, Gas & Mining

ASSIGNED TRACKING NUMBER



**TA RESPONSE**  
**DUGOUT CANYON MINE**  
**Water Supply Well Construction**  
**ACT/007/039-AM99G**  
**Response to January 14, 2000, Technical Analysis**

*C/007/039 01 H*  
*Water Well*

## **ENVIRONMENTAL RESOURCE INFORMATION**

### **SOILS RESOURCE INFORMATION**

*R645-301-222, Complete Appendix 2.8 with all Attachments and Exhibits.*

Attachment A "Technical field Visit Report", Attachment B "Exhibit A of Appendix 2-8", Attachment C "Soils Log for Test Pit TP-17" and Attachment D "TP-17 Soil Samples Laboratory Data Sheets" are now complete and included in Appendix 2-8.

## **OPERATION PLAN**

### **TOPSOIL AND SUBSOIL**

*R645-301-232.500, Salvage soil down to 32" to include the buried "A" horizon.*

Appendix 2-8 page ii, soil recovery depth was modified from 18 inches to 31 inches. This change is reflected in the soil volumes shown in Table 2-2, page 2-35, and page 2-40.

### **MAPS, PLANS, CROSS SECTIONS OF MINING OPERATIONS**

*R645-301-521.100, Update the surface facilities to show pump and well installation. The map will need to be certified by a registered professional engineer.*

Plate 5-2 Surface Facilities was modified to show the location of the new well.

### **HYDROLOGIC INFORMATION**

*R645-301-730, Provide revised drawings to show the water well pad location, in particular Plate 7-5. Identify, on the drawing, where concrete-lined ditch segments are located and where they are unlined. Clarify the nature of the stream realignment at the pad. Show the ditches on Drawing No. GE4B001 and No. B-346. Correct typographic errors.*

Plate 7-5 was revised to show the location of the Gilson water well (well) as requested. Plates 7-1 and 7-2 were also modified to show the well location.

The well is adjacent to DD-15 as shown on Plate 7-5. DD-15 as listed in Table 7-8 is not

concreted and does not need riprap. Therefore, this is an unlined ditch.

The nature of the stream alignment was explained in Section 742.300 under Diversion of Perennial and Intermittent Streams.

Drawing No. GE4B001 and No. B-346 have been revised to show ditch DD-15 as requested by the Division.

## **RECLAMATION PLAN**

### **TOPSOIL AND SUBSOIL**

*R645-301-121.200, correct the typographical error on page 2-31 to indicate the correct location of volume calculations for the well site.*

The typographical error on page 2-31 was corrected. At the bottom of table 2-2 it now reads Appendix 2-8 not Appendix 7-8.

*R645-301-353.100, include the well site in riparian restoration plans within the MRP.*

The Gilson well project is located in or near a riparian area. Reclamation of this site will be as stated in the requirements of riparian revegetation. This statement was added to Section 742.300-Diversion of Perennial and Intermittent Streams.

### **BOND AND INSURANCE**

*R645-301-830, The permittee must update the bonding section to include the installation of the well and pumping facilities. Also, the contingency section of the bond will need to be adjusted.*

Appendix 5-6 was modified to reflect the reclamation costs of the Gilson water well being reclaimed.